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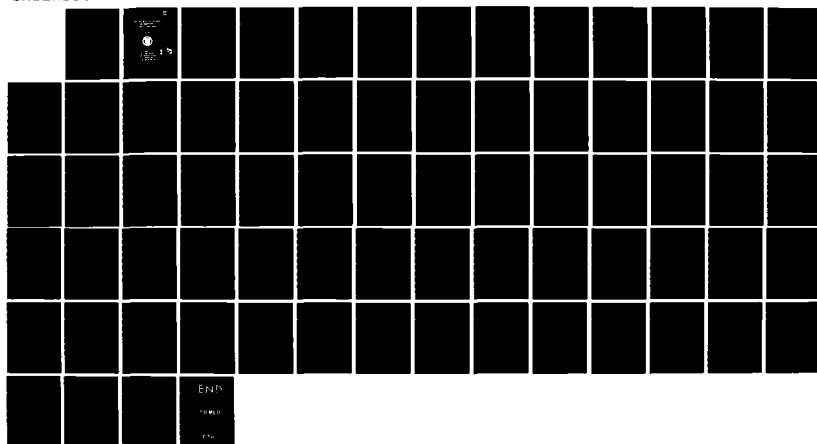
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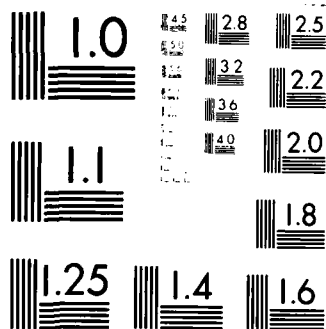
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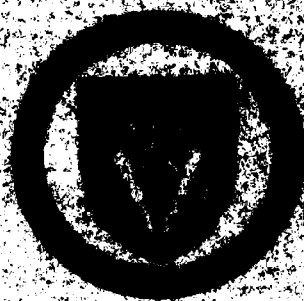
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**EFFECTIVE DATE (E-DATH) MODEL
DOCUMENTATION
VOLUME II - USER'S MANUAL**

MAY 1985



**PREPARED BY
FORCE SYSTEMS DIRECTORATE
US ARMY CONCEPTS ANALYSIS AGENCY
8120 WOODMONT AVENUE
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) A set of documentation has been reissued for the Effective Date (E-DATE) Model following DOD documentation standards (DOD 7935.1-S). The earlier documentation, including a volume of changes, is superseded by the new issue. Four types of documentation were generated as follows: A functional description, a user's manual, a computer operation manual, and a program maintenance manual (including system/subscription and program specifications into a single volume) The remaining documentation types described in the DOD standards were not considered applicable.		

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**EFFECTIVE DATE (E-DATE) MODEL
DOCUMENTATION
VOLUME II - USER'S MANUAL**

MAY 1985

**PREPARED BY
FORCE SYSTEMS DIRECTORATE
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FOREWORD

The documentation for the E-DATE Model was originally prepared under contract to the US Army Concepts Analysis Agency (CAA) by Technassociates, Inc. of Rockville, Maryland. As provided for in the contract, four volumes of documentation were produced to DOD Automated Data Systems Documentation Standards, DOD 7935.1-S (CAA-D-83-3, October 1983).

The requirements for the documentation were established by coordination among CAA, as model developer; the Logistics Evaluation Agency (LEA), as designated operator and maintainer of the model; and the Directorate for Plans and Operations, ODCSLOG, as the original proponent for and user of the model.

The present revisions to the documentation were prepared by the CAA to reflect enhancements made to the E-DATE Model. These revisions supersede entirely the earlier documentation (CAA-D-83-3) as well as subsequent changes published in August 1984 (CAA-D-84-6).

RE: Rept. Nos. CAA-D-85-5, 6, 7
The classified references in these reports
do not contain classified information per
Mr. William J. Aldridge, Army Concepts
Analysis Agency

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EFFECTIVE DATE (E-DATE) MODEL DOCUMENTATION

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VOLUME III - COMPUTER OPERATION MANUAL.....(published separately)

VOLUME IV - PROGRAM MAINTENANCE MANUAL.....(published separately)

SECTION 1. GENERAL DESCRIPTION

- 1.1 Purpose of the User's Manual. The purpose of this User's manual for the Effective Date Model (E-DATE) is to provide the user's non-ADP personnel with the information necessary to effectively utilize the system.
- 1.2 Project References
- a. Effective Date (E-DATE) Model Documentation, Volumes I, II, III, and IV, CAA-D-83-3, Technassociates, Inc., Rockville, MD and US Army Concepts Analysis Agency, Bethesda, MD, October 1983.
 - b. Effective Date (E-DATE) Model Documentation (an updated version of reference 1.2a above), CAA-D-85-6, US Army Concepts Analysis Agency, Bethesda, MD, May 1985:
 - (1) Volume I - Functional Description
 - (2) Volume II - User's Manual
 - (3) Volume III - Computer Operation Manual
 - (4) volume IV - Program Maintenance Manual.
 - c. Effective Date (E-DATE) Model Documentation, Request Processor, CAA-D-85-7, US Army Concepts Analysis Agency, Bethesda, MD, May 1985.
 - d. Logistics: Total Army Equipment Distribution Program (TAEDP) User's Guide, DESCOM-P 700-1, US Army Depot System Command, Chambersburg, PA, 2 May 1983.
- 1.3 Terms and Abbreviations. The following listing provides an explanation of any terms or acronyms subject to interpretation by the reader of this document.

ALO	authorized level of organization
A-RECORD	TAEDP record containing unit data
B-RECORD	TAEDP record containing requirements data
CTU	Consolidated TOE Update (formerly CCT - Consolidated Change Table)
CTLVL	Control Level (Unit Identifier)
C-RECORD	TAEDP record containing assets data
D-RECORD	TAEDP record containing substitute data
DAMPL	Department of the Army Master Priority List

DESCOM	US Army Depot System Command
E-DATE	Effective Date (Model)
ERC	equipment readiness code
ILD	Integral Load Device
LEA	Logistics Evaluation Agency
FY	fiscal year
LIN	line item number
MACOM	major Army command
MTOE	Modification Table of Organization and Equipment
ODCSLOG	Office of the Deputy Chief of Staff for Logistics
POM	Program Objective Memorandum
SACS	Structure and Composition System
SDF	system data file
SRC	standard requirements code
TAEDP	Total Army Equipment Distribution Program
T-RECORD	TAEDP record containing equipment change data
UIC	unit identification code

1.4 Security and Privacy. All program code and listings are UNCLASSIFIED and require no special security considerations.

All output reports are CONFIDENTIAL and should be handled in a manner consistent with the guidelines of the output site (i.e., ODCSLOG work area, LEA).

The files utilized by the model have the classification coded in position 7 of the file name. This position will contain one of the following codes to represent the classification:

- 0 - UNCLASSIFIED
- 2 - CONFIDENTIAL
- 4 - SECRET

All of the output files generated by the model are classified either CONFIDENTIAL or SECRET using the above code. The TAEDP input to the model is classified SECRET.

SECTION 2. SYSTEM SUMMARY

- 2.1 System Application. The E-DATE Model provides information to logistics staff officers on the equipment readiness of units based on (TAEDP) projected equipment fills. With this information, the officer can form a judgment as to the adequacy of the fill with respect to both the capacity of an individual unit to carry out its mission and the capacity of groups of activated units to contribute to the force readiness.

The E-DATE Model operates in the planning space of the 7-year budgeting cycle provided by TAEDP, consisting of the current year, the budget year, and the 5 outyears. The E-DATE Model is designed to operate on five distinct sets of data as derived from the TAEDP data tapes. One data set consists of Activated Units, that is, new units brought into existence during the 7-year planning period. Another data set consists of existing units impacted by changes identified in the Consolidated TOE Update (CTU). The third data set consists of unprogramed units (without assets) and associated billpayer units. A fourth group contains the units undergoing conversions during the planning period. The fifth group consists of units of special interest to the user. The logistics staff officer identifies the data sets of interest.

The model accesses the appropriate data. It then computes and displays the readiness of the units by fiscal year, for each fiscal year forward to the end of the planning cycle. The measure of readiness is the C-rating prescribed by AR 220-1, as applied to the equipment assets of the unit. The rating is carried out in two steps. First, each item of unit equipment is rated by comparing the quantity on hand to the quantity required. In a second step, these individual ratings are aggregated into an overall rating for the unit. The rating takes into account the pacing ("mission essential") items in each unit and generates a single measure for each unit as follows:

- | | |
|-----------|---|
| Level C-1 | At least 90 percent of the reportable equipment is present at 90 percent of the required quantities and all (100 percent) of the pacing items of equipment are present at 90 percent or greater of the required quantities. |
| Level C-2 | At least 90 percent of the reportable equipment is present at 80 percent of the required quantities and all (100 percent) of the pacing items of equipment are present at 80 percent or greater of the required quantities. |
| Level C-3 | At least 90 percent of the reportable equipment is present at 65 percent of the required quantities and all (100 percent) of the pacing items of equipment are present at 65 percent or greater of the required quantities. |

3.4.2.2 Tape Processor - FY Summary

Display: TP/2/

Description: This output displays the number of units in each fiscal year as retrieved from the TAEDP tape, including a count of units filed to match that of the Unit Summary.

Utilization: This output provides the user with an indication of the number of units retrieved as a guide to the amount of processing to be performed by subsequent processors.

Sample Output: See Figure 3-2.

EDATE MODEL DISPLAY TP / 1/	TAPE PROCESSOR RUN				PAGE 1	
	UNIT SUMMARY				DATA DATE: TESTDATA	
					REPT DATE: 10/12/83	
***** UNCLASSIFIED *****						
NR UNITS ACTIVATED IN FY 83 THRU FY 89						
TOTAL UNITS	TOTAL TOE	TOTAL NON	TOTAL TOE	TOTAL AUG TOE	TOTAL TDA	TOTAL POM
READ	FILED	SKIPPED	SKIPPED	SKIPPED	SKIPPED	SKIPPED
150	95	0	55	0	0	0
***** UNCLASSIFIED *****						

Figure 3-1. Unit Summary

3.4.2 Sample Outputs. A total of 23 reports are produced by the model. A description of the purpose and utilization of each report is given in the following paragraphs, accompanied by a sample report format.

3.4.2.1 Tape Processor - Unit Summary

Display: TP/1/

Description: This output displays the breakdown of units read from the TAEDP tape during processing. It indicates the total number of units read, the number selected (filed), and the number skipped.

Utilization: This output provides the user with an overview of the quantity of units on the TAEDP tape and the quantity of units available for assessment.

Sample Output: See Figure 3-1.

- Print File. Each time the Assessment Processor runs, the output is routed to an alternate mass storage print file designated as AP3PRT20.
- Item Rating File. This file is produced by the Assessment Processor and contains, for each unit by fiscal year, the rating of each item of equipment in the unit. This file is used to generate the rating for an entire unit by accumulating the rating of each item of equipment. This file is also utilized to generate the Shortage Detail and Billpayer Detail Reports. The file is resident on mass storage and is identified as MTOE*AP3IRB20.

- **Converted Unit File.** This file is the fourth of five major outputs from the Tape Processor and contains data on units converted during the 7-year planning period. The output format is identical to the format of the TAEDP record. This file is utilized as one of the five input files to the File Processor and is identified as file MTOE*TP3CON40 in mass storage.
- **Special Unit File.** This file is the fifth of five major outputs from the Tape Processor and contains data on units of special interest to the user. The output format is identical to the format of the TAEDP record. This file is utilized as one of five input files to the File Processor and is identified as file MTOE*TP3SPC40 in mass storage.
- **Warning Message File.** This file is produced by the Tape Processor and contains the warning messages associated with storage overflows encountered while loading SRC equipment change data from the Substantive Change Report. The file is identified as MTOE*TP3MSG00.
- **Print File.** Each time the Tape Processor runs, the output is routed to an alternate print file designated as TP3PRT20. This file remains resident in mass storage until it is overwritten by subsequent runs.
- **Selected Units File.** This file is the principal output from the File Processor and contains data for the overall planning period for those units designated by the user. The file is utilized as the principal input to the Assessment Processor to generate the Unit Requirement Rating. The file resides on mass storage and is identified as MTOE*FP3PIK20.
- **Skipped Items File.** This file contains all units in the File Processor where an assets record (C-RECORD) was present without a requirements record (B-RECORD). This file is not used by the Assessment Processor but is generated for reference purposes. The file resides on mass storage and is identified as MTOE*FP3SKP20.
- **Print File.** Each time the File Processor runs, the output is routed to an alternate mass storage print file designated as FP3PRT20.
- **Base Case File.** Each time the Assessment Processor is run for the 'BASE' case, it generates a file which contains the ratings of the units for each fiscal year. This file is then utilized by the processor during 'TRIAL' case runs. This file is resident on mass storage and will be identified as MTOE*AP3BAS20.

- 3.2 Processing Sequence. Effective Date (E-DATE) Model Documentation, Request Processor, CAA-D-85-7, May 1985, Part II.
- 3.3 Staff Input Requirements. Reference the Request Processor documentation for instructions on Staff Input Requirements.
- 3.4 Output Requirements. The outputs of the E-DATE Model exist in two forms: hardcopy reports and online mass storage files. The mass storage files generated by the model will generally not be referenced by the user. The reports comprise the primary product of the model and will be referenced as required.

The intermediate files produced by the E-DATE Model will not be discussed in this manual since they are not accessed by the user.

Summary reports are generated by each process and should be reviewed for reasonableness.

Seven reports are associated with the unit equipment rating of units, and the balance of six reports are associated with the unit equipment redistribution of equipment among units.

- 3.4.1 Output Formats. This subsection would normally contain output file formats. Since the primary outputs of the E-DATE Model are reports and not files, this section is not applicable to the system. However, some output files are created and a brief description of each is included below:

- Activated Unit File. This file is one of five major outputs from the Tape Processor and contains data on units activated during the 7-year planning period. The file is identical to the format of the TAEDP record. This file is utilized as one of the five input files to the File Processor and is identified as file MTOE*TP3ACT40 in mass storage.
- CTU Unit File. This file is the second of five major outputs from the Tape Processor and contains data on units affected by the CTU changes in the 7-year planning period. The output format is identical to the format of the TAEDP record. This file is utilized as one of five input files to the File Processor and is identified as file MTOE*TP3CHG40 in mass storage.
- Unprogramed Unit File. This file is the third of five major outputs from the Tape Processor and contains data on the unprogramed units and the billpayer units. The output format is identical to the format of the TAEDP record. This file is utilized as one of five output files to the File Processor and is classified as file MTOE*TP3NON40 in mass storage.

K-110 Remote Print Interface MNEUMONIC ?

Answer - R1

K-120 Host Interface (1=RSI; 2=OTHER)

Answer - 1

K-130 Host Logical Unit Number

Answer - 1

K-140 Number of Lines ?

Answer - 24

More info prompts should appear. Go back to the control page and check status.

At this point, files should be able to be printed downline from the host.

Optional Step - Local Print

In order to get an 'off-the-screen' print after screen-bypass mode has been established, perform the following steps:

- A. Down the remote print utility by adjusting the control page as follows:

```
(**XFER**)  
(R1/ /RC)SEARCH(EXIT      )
```

Store the control page and wait for the 'Search' field to say:

```
(RMTPRNT TERMINATED      )
```

- B. Then adjust the control page to the following:

```
(**PRNT**) (**XFER**)  
( /P1/ ) (P1/ /AS)
```

Store the control page.

At this point you may print from the screen by simply pressing the 'Print' button.

- C. When done, restore the remote print utility by going to Step 1 above.

Note: When the appropriate steps to achieve either printing option have been done but the printing will not work, go back to step one and start over. Be absolutely certain to follow each step as it is described in this procedure.

SECTION 3. STAFF FUNCTIONS RELATED TO TECHNICAL OPERATIONS

3.1 System Logon. The procedure to log on the computer is as follows:

Step 1 - Initialize the System

Press the 'LOAD' button on cluster controller in order to boot the 4020 system from the system diskette which must be mounted in the Integral Load Device (ILD).

At this point, if you wish to print output from the host computer (LEA), enable screen-bypass mode by going on to Step 2.

To enable local printing of screen displays, go to Optional Step, Part B, below.

Step 2 - Screen Bypass

Sign on Terminal
Enter UserID/Password
Enter Account
Enter Project-ID

@@SCBY S00303
If a screen bypass is already active, go on to Step 3.

Enter UserID/Password (same as above)
Enter Account (same as above)
Enter Project-ID (same as above)

@FIN
@@TSBM

Go on to Step 3.

Step 3 - Load Remote Print Utility

To initiate the load of the remote print utility, get the control page and then change the XFER and search field as necessary to:

(**XFER**)
(I1/ /LR)SEARCH(RMTPRNT)

Store the control page by hitting the 'Control Page' button. The alarm should not ring. If it does, check the status on the control. At this time a prompt of K-100 should come up. You should see:

K-100 Printer MNEUMONIC ?
Answer - P1

The TAEDP data undergoes preprocessing at LEA to add the pacing and aircraft item indicators to the equipment requirement records. This information is critical to the ratings of units in the Assessment Processor, consistent with the guidelines set forth in AR 220-1.

The following files are utilized by the E-DATE Model:

- TAEDP Data. This file contains the TAEDP data extract tapes, as originally generated by the Depot System Command and modified by LEA to include pacing item (AR 220-1) and aircraft item flags. The TAEDP file is used as the source for unit readiness data against which the Tape Processor operates.

The TAEDP data extract tapes must be produced as unlabeled, 9-track, 1600 BPI, ASCII character set and quarter-word sensitive.

The tapes are identified as file MTOE*MT003041.

- CTU Data. The CTU data inputs to the Tape Processor are an intermediate product from files prepared by HQ TRADOC in the course of generating the CTU. The CTU data inputs identify by standard requirements code (SRC) individual equipment changes in the SRC.

The CTU tape must be processed into an a system data file (SDF) for use by the model.

The file is identified as file MTOE*MT0CTU00 as assigned to the Tape Processor.

- User Data. The user provides two files of data associated with the generation of unprogramed units. One file identifies the existing units which are to be the prototypes for the unprogramed units. The other file identifies those existing units (billpayer units) which are to provide the assets to fill the newly created units.

2.5 System Performance

a. Input

The E-DATE Model utilizes TAEDP as the major source of data. A version of the CTU data is also used as a model input for unit selection purposes.

b. Output

A total of 23 reports are generated by the model and produced automatically at the end of each relevant process. The reports generated by the Tape and File processors are used to monitor the data selection and reformatting process. The Assessment Processor reports are used by the logistics staff officer in the decisionmaking process for assessing unit readiness.

c. Limitations

The validity of the model results is dependent on the completeness and the accuracy of the TAEDP data and the pacing and aircraft items of data introduced by the preprocessing.

d. Processing Time

Data Set Selection

A normal run for data set selection should require between 6-10 hours of machine time, depending upon the number of units being processed.

Unit Equipment Rating

A normal run for unit equipment rating should require between 4-8 hours of machine time, depending upon the number of units being processed.

Unit Equipment Redistribution

A normal run for the unit equipment redistribution should require between 4-8 hours of machine time, depending upon the number of units being processed.

- 2.6 Data Base. The major data base utilized by the model is the Total Army Equipment Distribution Program (TAEDP) System. The TAEDP data base provides information on force requirements, priorities within the force, and equipment to be procured, maintained, and stockpiled to sustain the force for the next 7-year period (current, budget, and 5 POM years). In addition, TAEDP projects equipment fills for the 7-year period.

- Generates a worksheet to provide the logistics staff officer with a means of specifying those units to be uprated and those that are acceptable for downrating in the redistribution being considered. These selections are later transferred into the model.
- Provides a file containing equipment rating data.
- In addition to the three processors used to generate the rating results, the E-DATE has a fourth processor used to facilitate the interaction between the user and the model. This Request Processor employs a set of computer-generated screens to prompt the user for the information necessary to operate the other processors in their various modes, including start and stop of their operation.

Refer to Figure 2-1 for a system flow representation of this processing sequence.

2.4 System Organization. The TAEDP data for the E-DATE Model initially undergoes preprocessing at LEA to insert information on pacing items and aircraft items. Once the LEA processing is complete, the processing of the E-DATE Model data is begun. The E-DATE Model consists of three separate, free-standing processors that are exercised sequentially to produce the final rating outputs, and a fourth off-line processor that is used to control the operation of the other three. The first of these three processors, the Tape Processor, performs the following functions:

- Selects the unit data from the TAEDP tape corresponding to the data set selection made by the user.
- Provides a summary of the unit involved in the processing.

The second of these sequential processors, the File Processor, functions as follows:

- Accepts an input specifying selection criteria for the run.
- Scans the file generated by the Tape Processor for units meeting the selection criteria.
- Stores the unit/equipment data as sets of data by fiscal year.
- Sorts the data for each fiscal year in inverse DAMPL (unit priority) sequence and creates one large file for the Assessment Processor.
- Provides a summary of the records processed.

The final processor, the Assessment Processor, utilizes the extracted and reformatted data from the previous two processors in the following manner:

- Selects the units to be rated through the use of parameters input by the user.
- Calculates the unit readiness based on the unit rating criteria defined in AR 220-1.
- Provides a rating summary depicting the rating of individual units over time and the patterns of ratings of groups of units.
- Provides additional summary reports, including marginal rating summaries, to provide the logistics staff officer with additional information concerning the unit ratings.

Level C-4 . If not rated as above.

The model provides this rating information for each unit activated in the fiscal year indicated by the logistics staff officer for all remaining years in the planning cycle. In addition, the model maintains in permanent storage the detailed results on the rating of the individual equipments on which the overall unit rating is based. This information may either be accessed via terminal or made available in hardcopy form.

- 2.2 System Operation. The E-DATE Model is a decision support system for the logistics staff officer at ODCSLOG which permits the examination of two critical logistics issues: the logistic readiness of Army units and the redistribution of unit equipment, so as to improve the readiness of selected units.

The E-DATE Model is designed to operate from TAEDP data tapes as prepared by the Logistics Evaluation Agency (LEA). LEA receives TAEDP tapes from DESCOM approximately every 6 months and augments the data with the addition of "pacing" (items which are mission essential) and aircraft item data. The determination of which equipment items are "pacing items" is made at ODCSLOG and passed to LEA as a data file.

The E-DATE Model is run in three ways as follows:

- Data Set Selection - the model extracts data from the TAEDP tape in accordance with the data set selection made by the user.
- Unit Equipment Ratings - the model selects, reformats, and rates individual units corresponding to the user selection.
- Unit Equipment Redistribution - the model redistributes equipment among units as directed by the user to achieve a desired mix of unit ratings.

The model is currently operational from the ODCSLOG remote terminal facility at the Pentagon as well as at LEA.

- 2.3 System Configuration. The E-DATE Model is resident on the Sperry 1100/62 Timesharing Multi-Processing System at LEA. The model was developed with the 37R2C level of EXEC and 10R1 level of the FORTRAN compiler. The model should remain compatible with later releases of the system software. The average amount of core required for each of the three processors is as follows:

Tape Processor	160K
File Processor	70K
Assessment Processor	170K

EDATE MODEL DISPLAY TP / 2/	TAPE PROCESSOR RUN FY SUMMARY				PAGE 1 DATA DATE: TESTDATA REPT DATE: 10/12/83		
***** UNCLASSIFIED *****							
NR UNITS ACTIVATED IN EACH FY							
TOTAL UNITS	TOTAL FY 83	TOTAL FY 84	TOTAL FY 85	TOTAL FY 86	TOTAL FY 87	TOTAL FY 88	TOTAL FY-89
FILED	FILED	FILED	FILED	FILED	FILED	FILED	FILED
95	50	14	5	10	7	2	7
***** UNCLASSIFIED *****							

Figure 3-2. FY Summary

3.4.2.3 Tape Processor - Units Filed

Display: TP/3/

Description: This output displays the Unit Identification Code (UIC) of the units in each fiscal year as extracted from TAEDP. The total number of UIC identified for each year will match the similar count in the FY Summary Report.

Utilization: This output provides the user with specific UIC data. This data may be compared with activations data from the SACS data file for a check of the validity of the TAEDP data.

Sample Output: See Figure 3-3.

EDATE MODEL
DISPLAY TP / 3/

TAPE PROCESSOR RUN

PAGE 1

DATA DATE: TESTDATA

UNITS FILED

REPT DATE: 10/12/83

***** UNCLASSIFIED *****

UNITS ACTIVATED IN EACH FY

FY 83 FILED	FY 84 FILED	FY 85 FILED	FY 86 FILED	FY 87 FILED	FY 88 FILED	FY 89 FILED
UNT050	UNT002	UNT010	UNT004	UNT006	UNT021	UNT001
UNT052	UNT003	UNT014	UNT008	UNT007	UNT043	UNT005
UNT054	UNT022	UNT019	UNT012	UNT011		UNT009
UNT056	UNT023	UNT030	UNT018	UNT015		UNT013
UNT058	UNT025	UNT037	UNT020	UNT033		UNT016
UNT060	UNT026		UNT024	UNT036		UNT017
UNT062	UNT029		UNT028	UNT068		UNT034
UNT064	UNT032		UNT035			
UNT066	UNT038		UNT040			
UNT070	UNT039		UNT044			
UNT072	UNT041					
UNT074	UNT042					
UNT076	UNT045					
UNT078	UNT046					
UNT080						
UNT082						
UNT084						
UNT086						
UNT088						
UNT090						
UNT092						
UNT094						
UNT096						
UNT098						
UNT100						
UNT102						
UNT104						
UNT106						
UNT108						
UNT110						

***** UNCLASSIFIED *****

Figure 3-3. Units Filed

3.4.2.4 Tape Processor - CTU SRC Summary

Display: TP /4/

Description: This output displays the individual SRC included in the Substantive Change Report tape input. Included for each SRC are counts of the equipment change records processed, including totals of increases, decreases, and drops. Personnel changes and additions of new equipment are not reflected in the report. Processor is made to indicate if the number of changes present exceeds the allocated storage (indicated by the TOT OVER column).

Utilization: This output provides the user with a check on the SRC present in the Change Report and an indication of the last record processed if the maximum storage is exceeded.

Sample Output: See Figure 3-4.

EQUATE MARK I
DISPLAY TP / 4 /

TAPE PROCESSOR RUN
CCT SRC SUMMARY

DATA DATE: TEST DATA
REPT DATE: 10/12/83

PAGE 1

***** UNCLASSIFIED *****

EQUIPMENT/PERSONNEL RECORDS BY SRC IN CCT 300-73

NW	SRC	INCR FLD	DECR FLD	UNOP FLD	TOT FLD	PER SKP	ADD SKP	TOT SCN	OVR	MRI	SRC	INCR FLD	DECR FLD	UNOP FLD	TOT FLD	PER SKP	ADD SKP	TOT SCN	OVR
1	0117H700	0	0	0	0	0	1	1	0	2	0117H100	0	0	0	0	0	11	11	0
3	0115H100	0	0	0	0	0	11	11	0	4	0122H700	0	0	0	0	0	3	3	0
5	0122H701	0	0	0	0	0	1	1	0	6	0122J200	0	0	0	0	0	3	3	0
7	0122H700	0	0	0	0	0	3	3	0	8	0123J200	0	0	0	0	0	2	2	0
9	0122J201	0	0	0	0	0	2	2	0	10	0123J203	0	0	0	0	0	1	1	0
11	0122H700	0	0	0	0	0	6	6	0	12	0123J200	0	0	0	0	0	6	6	0
13	0122H700	0	0	0	0	0	6	6	0	14	0126J200	0	0	0	0	0	6	6	0
15	0122H700	0	0	0	0	0	1	1	0	16	0127J200	0	0	0	0	0	2	2	0
17	0122J201	0	0	0	0	0	4	4	0	18	0127J203	0	0	0	0	0	1	1	0
19	0122J204	0	0	0	0	0	1	1	0	20	0127J205	0	0	0	0	0	1	1	0
21	0127H900	0	0	0	0	0	7	7	0	22	0128J210	0	1	0	1	0	33	34	0
23	0128G1210	0	1	0	1	0	2	3	0	24	0128J200	0	0	0	0	0	10	10	0
25	0150H2FC	0	0	0	0	0	8	8	0	26	0150H2FD	0	0	0	0	0	7	7	0
27	0150H2FE	0	0	0	0	0	7	7	0	28	0150H2FF	0	0	0	0	0	7	7	0
29	0150H2FH	0	0	0	0	0	8	8	0	30	0150H2FI	0	0	0	0	0	6	6	0
31	0150H2FK	0	0	0	0	0	1	1	0	32	01520J2AA	0	0	0	0	0	1	1	0
33	01520J2AB	0	0	0	0	0	1	1	0	34	0303H200	0	0	0	0	0	1	1	0
35	0306J100	0	0	0	0	0	3	3	0	36	0308J1000	0	0	0	0	0	4	4	0
37	0310H000	0	0	0	0	0	2	2	0	38	0350H2IA	0	0	0	0	0	1	1	0
39	0350H2IHA	0	0	0	0	0	1	1	0	40	0502H1300	0	0	0	0	0	6	6	0
41	0502H1300	0	0	0	0	0	5	5	0	42	0502H300	0	0	0	0	0	3	3	0
43	0503H1500	0	1	0	1	0	12	13	1	44	0503H1500	0	1	0	1	0	10	11	1
45	0503H1500	0	0	0	0	0	4	4	0	46	0504H100	0	0	0	0	0	11	11	1
47	0504H100	0	0	0	0	0	8	8	1	48	0504H100	0	0	0	0	0	4	4	0
49	0505H1600	0	0	0	0	0	12	12	0	50	0505H1300	0	1	0	1	0	7	8	1
51	0505H1500	0	0	0	0	0	3	3	0	52	0505H1501	0	0	0	0	0	1	1	0
53	0505H1400	0	0	0	0	0	5	5	0	54	0506H1200	0	0	0	0	0	3	3	0
55	0506H1300	0	0	0	0	0	2	2	0	56	0507H1400	0	0	0	0	0	1	1	0
57	0507H1200	0	0	0	0	0	1	1	0	58	0507H200	0	0	0	0	0	3	3	0
59	0507H200	0	0	0	0	0	2	2	0	60	0507H1200	0	0	0	0	0	3	3	0

***** UNCLASSIFIED *****

Figure 3-4. CTU SRC Summary

3.4.2.5 Tape Processor - Units Scanned Report

Display: TP/5/

Description: This output displays the individual UIC of each unit encountered on the tape. Included with each UIC is a 3-digit code. The first unit identifies the unit type (0 - nonunit, 1 - TOE unit, 2 - augmented TOE unit, 3 - TDA unit, 4 - POMCUS). The last two digits represent the activation year or the first fiscal year of the planning period.

Utilization: This output provides the user with an overview of the units on the TAEDP tape. It allows the user to confirm the existence of those units of special interest.

Sample Output: See Figure 3-5.

3-15

3.4.2.6 Tape Processor - CTU Unit Summary

Display: TP/6/

Description: This output displays the individual UIC impacted by the unit equipment changes in the Substantive Change Report. Also displayed are counts of the units impacted by the changes. The total number of units impacted is shown as well as totals by MACOM.

Utilization: This output provides the user with specific UIC data on changed units. The data may be used to identify if a particular UIC of interest has been affected by a change. The counts provided at the end of the display are used to assess the magnitude of the changes within each MACOM. The counts can also be compared with the limitation of 400 units per MACOM. Any MACOM exceeding this storage limit cannot be handled by subsequent processors.

Sample Output: See Figure 3-6.

3-17

3.4.2.7 File Processor - Unit Summary (Activated Units)

Display: FP/1/

Description: This output displays the individual UIC of units processed in a particular fiscal year. It indicates the total number of units read, the number of units filed and the number skipped.

Utilization: This output provides the user with an overview of the number of units available for assessment.

Sample Output: See Figure 3-7.

EDATE MODEL DISPLAY FP / 1/	FILE PROCESSOR UNIT SUMMARY			PAGE 1 DATA DATE: TESTDATA REPT DATE: 10/14/83		
***** UNCLASSIFIED *****						
UNITS ACTIVATED IN FY 83						
TOTAL UNITS	TOTAL TOE	TOTAL NON	TOTAL TOE	TOTAL AUG TOE	TOTAL TDA	TOTAL POM
READ	FILED	SKIPPED	SKIPPED	SKIPPED	SKIPPED	SKIPPED
95	50	0	45	0	0	0
***** UNCLASSIFIED *****						

Figure 3-7. Unit Summary (Activated Units)

3.4.2.8 File Processor - TAEDP Record Summary (Activated Units)

Display: FP/2/

Description: This output displays counts of the equipment record types present for each unit. The number of unit description records (A-RECORDS), equipment requirement records (B-RECORDS), and asset records (C-RECORDS) is shown. The number of B-RECORDS without matching C-RECORDS is shown along with any C-RECORDS without B-RECORDS.

The counts are divided into records with an ERC of 'A' (primary equipment) and an ERC of 'B' (auxiliary equipment).

Utilization: This output provides the user with an indication of the equipment complement of the unit and displays the magnitude of any assets not matched with requirements which will adversely affect the unit rating.

Sample Output: See Figure 3-8.

RELATE MAJNET DISPLAY FP / 2 /			FILE PROCESSOR TALDP RECORD SUMMARY			DATA DATE: TEST DATA REPT DATE: 10/14/83		PAGE 1					
***** UNCLASSIFIED *****													
UNITS ACTIVATED IN FY 83													
NR	UNIT	UNIT	UNIT NAME	NUMBER OF RECORD ACCUMULATIONS PROCESSED									
				ERC=A					ERC=B				
	1U	BR		UNIT DESC RCDS (A)	RQMTS+ ASSETS RCDS FILED (B+C)	RQMTS ONLY RCDS (B) FILED	PERCENT RQMTS+ ASSETS	RQMTS+ ASSETS RCDS FILED (B+C)	RQMTS ONLY RCDS (B) FILED	PERCENT RQMTS+ ASSETS	RQMTS+ ASSETS RCDS FILED (B+C)	ASSETS ONLY RCDS (C) SKIPPED	
1	UNIT050	AG	CO ADMINISTRATIVE	7	16	1	94.1	23	1	95.8	23	2	
2	UNIT052	IN	BN AIRBORNE	7	68	10	97.2	37	1	97.4	37	6	
3	UNIT054	IN	BN AIRBORNE	7	68	10	87.2	37	1	97.4	37	6	
4	UNIT056	AA	HHC DIV AIR ASSAULT	7	27	1	96.4	32	0	100.0	4	4	
5	UNIT058	FA	HMB DIV ARTY	7	65	3	95.6	39	6	86.7	39	18	
6	UNIT060	EN	BN AIR ASSAULT	7	51	6	89.5	53	2	96.4	53	17	
7	UNIT062	SC	BN AIR ASSAULT	7	71	8	89.9	72	7	91.1	72	22	
8	UNIT064	AR	HHC DIV	7	53	2	96.4	40	5	88.9	40	10	
9	UNIT066	CS	HHC SUPPORT COMMAND	7	10	1	90.9	78	6	92.9	78	5	
10	UNIT070	FA	BN 155 SP	7	60	28	68.2	69	16	81.2	69	7	
11	UNIT072	CS	BN MAINTENANCE	7	217	22	90.8	62	12	83.8	62	47	
12	UNIT074	AR	SQ CAV/HVY DIV (-)	7	96	12	88.9	90	9	90.9	90	21	
13	UNIT076	FA	HMB DIV ARTY	7	71	12	85.5	40	8	83.3	40	16	
14	UNIT078	IN	BN MECH	7	81	14	85.3	38	5	88.4	38	23	
15	UNIT080	AR	BN TANK	7	87	10	89.7	57	4	93.4	57	4	
16	UNIT082	SC	BN	7	75	8	90.4	76	19	80.0	76	18	
17	UNIT084	AR	HHC BDE	7	65	6	91.5	41	2	95.3	41	8	
18	UNIT086	AR	SQ CAVALRY	7	102	15	87.2	124	9	93.2	124	11	
19	UNIT088	AR	BN TANK	7	95	9	91.3	55	6	90.2	55	9	
20	UNIT090	MD	BN	7	57	2	96.6	48	6	88.9	48	0	
21	UNIT092	AR	BN (CBT) 30 AD	7	215	15	93.5	103	12	89.6	103	14	
22	UNIT094	AR	BN TANK	7	100	7	93.5	57	4	93.4	57	17	
23	UNIT096	FA	BN 8 IN SP	7	115	12	90.6	69	7	90.8	69	12	
24	UNIT098	IN	BN MECH	7	102	14	87.9	38	4	90.5	38	11	
25	UNIT100	AR	BN TANK	7	67	16	80.7	58	6	90.6	58	14	

Figure 3-8. TAEDP Record Summary (Activated Units)

3.4.2.9 File Processor - Unit Summary (CTU Units)

Display: FP/3/

Description: This output displays the individual UIC of units processed in a particular fiscal year. It indicates the total number of units read, the number of units filed, and the number skipped.

Utilization: This output provides the user with an overview of the number of units available for assessment.

Sample Output: See Figure 3-9.

3.4.2.16 Assessment Processor - 7-Year Summary II (CCT Units)

Display: AP/6/

Description: This output is a counterpart to the 7-Year Summary II for non-CCT units but is generated in a modified form for the CTU units. Instead of displaying the margin counts, the difference between the margin counts before and after equipment changes is shown. These difference quantities, rather than absolute margin values, are displayed.

Utilization: This output provides the user with an insight into the impact of each unit change on each rating level. Both the levels affected and the amount of shifts may be assessed.

Sample Output: See Figure 3-16.

EVALUATION REPORT
UNIT EQUIPMENT READINESS
7-YEAR SUMMARY I

DATA SET: CCT UNITS
RUN TYPE: BASE CASE

***** UNCLASSIFIED *****

UNITS IMPACTED BY CCT 300-73
IN MACOM

NR	UNIT	BR	UNIT NAME	STE-NO FC=YES	EUR-NO TC=NO	KOR-NO OTH=NO	PAC-NO NG=NO	ALA-NO AR=NO	HAW-NO DAP=NO	PAN-NO	FY83	FY84	FY85	FY86	FY87	FY88	FY89
1	UNIT048	SC	BN														
2	UNIT051	FA	BN 105 T														
3	UNIT052	IN	BN AIRBORNE														
4	UNIT054	IN	BN AIRBORNE														
5	UNIT055	IN	BN AIRBORNE														
6	UNIT058	FA	HWB DIV ARTY														
7	UNIT059	IN	BN AIR ASSAULT														
8	UNIT060	EN	BN AIR ASSAULT														
9	UNIT061	IN	BN AIR ASSAULT														
10	UNIT062	SC	BN AIR ASSAULT														
11	UNIT063	IN	BN AIR ASSAULT														
12	UNIT070	FA	BN 159MM SP (3X8) HWY														
13	UNIT074	AR	SQ CAV/HVY DIV (-)														
14	UNIT076	FA	HWB DIV ARTY														
15	UNIT078	IN	BN MECH/HVY DIV (FVS)														
16	UNIT079	IN	BN MECH														
17	UNIT081	AR	BN HVY DIV (MI)														
18	UNIT082	SC	BN (-) HVY/DIV														
19	UNIT097	AR	HWB BDE ARMOR														
20	UNIT098	IN	BN MECH /HVY DIV (FVS)														
21	UNIT099	AR	BN HVY DIV (MI)														
22	UNIT100	AR	BN HVY DIV (MI)														
23	UNIT101	SC	BN (-)														
24	UNIT103	FA	BN 81M/MURS(-)														
25	UNIT104	FA	BTY E TGT ACQ(-)														

***** UNCLASSIFIED *****

Figure 3-15. 7-Year Summary I (CCT Units)

3.4.2.15 Assessment Processor - 7-Year Summary I (CCT Units)

Display: AP/5/

Description: This output displays the ratings of those units impacted by equipment changes for the 7 years of the planning period. Two ratings are provided. The first rating describes the unit before the changes are applied while the second describes the unit after the changes are applied.

Utilization: This output provides the user with a unit by unit assessment of the impact on unit readiness of the equipment changes. The display is for the 7-year planning period and describes both the immediate and long-term effects.

Sample Output: See Figure 3-15.

UNIT EQUIPMENT READINESS 7-YEAR SUMMARY II				DATA DATE: TEST DATA REPT DATE: 10/14/83				PAGE 1													
DATA SET: ACTIVATED UNITS RUN TYPE: BASE CASE																					
***** UNCLASSIFIED *****																					
FY83 ACTIVATIONS																					
UNIT	UNIT NAME	FY	UNIT	PACING ITEM RATGS				NON-PACING RATGS				TOTAL ITEM RATGS									
				RTG	ALO	TOT	C-1	C-2	C-3	C-4	TOT	C-1	C-2	C-3	C-4	TOT	C-1	C-2	C-3	C-4	
1	UNIT 1: BN ADMINISTRATIVE	83	C-1	1	0	0	0	0	0	0	0	7	7	0	0	0	7	7	0	0	0
		84	C-1	1	0	0	0	0	0	0	0	7	7	0	0	0	7	7	0	0	0
		85	C-1	1	0	0	0	0	0	0	0	7	7	0	0	0	7	7	0	0	0
		86	C-1	1	0	0	0	0	0	0	0	7	7	0	0	0	7	7	0	0	0
		87	C-1	1	0	0	0	0	0	0	0	7	7	0	0	0	7	7	0	0	0
2	UNIT 2: BN AIRBORNE	88	C-1	1	0	0	0	0	0	0	0	7	7	0	0	0	7	7	0	0	0
		89	C-1	1	0	0	0	0	0	0	0	7	7	0	0	0	7	7	0	0	0
		83	C-4	1	6	6	0	0	0	0	0	34	28	0	1	5	40	34	0	1	5
		84	C-4	1	7	6	0	1	0	0	0	45	32	0	2	11	52	38	0	3	11
		85	C-4	1	7	6	0	1	0	0	0	42	30	0	2	10	49	36	0	3	10
3	UNIT 3: BN AIRBORNE	86	C-4	1	7	7	0	0	0	0	42	32	0	1	9	49	39	0	1	9	
		87	C-4	1	7	7	0	0	0	0	42	33	0	0	9	49	40	0	0	9	
		88	C-4	1	7	7	0	0	0	0	42	33	0	0	9	49	40	0	0	9	
		89	C-4	1	7	7	0	0	0	0	42	33	0	0	9	49	40	0	0	9	
		83	C-4	1	6	6	0	0	0	0	0	34	28	0	1	5	40	34	0	1	5
4	UNIT 4: AA INR. DIV AIR ASSAULT	84	C-4	1	7	6	0	1	0	0	45	31	0	1	13	52	37	0	2	13	
		85	C-4	1	7	6	0	1	0	0	42	30	0	1	11	49	36	0	2	11	
		86	C-4	1	7	7	0	0	0	0	42	32	0	0	10	49	39	0	0	10	
		87	C-4	1	7	7	0	0	0	0	42	32	0	0	10	49	39	0	0	10	
		88	C-4	1	7	7	0	0	0	0	42	32	0	0	10	49	39	0	0	10	
		89	C-4	1	7	7	0	0	0	0	42	32	0	0	10	49	39	0	0	10	
		83	C-4	2	3	3	0	0	0	0	0	10	6	0	0	4	13	9	0	0	4
		84	C-4	1	3	3	0	0	0	0	0	10	7	0	0	3	13	10	0	0	3
		85	C-4	1	3	3	0	0	0	0	0	10	7	0	0	3	13	10	0	0	3
		86	C-4	1	3	3	0	0	0	0	0	10	8	0	0	2	13	11	0	0	2
		87	C-4	1	3	3	0	0	0	0	0	10	8	0	0	2	13	11	0	0	2
		88	C-4	1	3	3	0	0	0	0	0	10	9	0	0	1	13	12	0	0	1
		89	C-1	1	3	3	0	0	0	0	0	10	9	0	0	1	13	12	0	0	1

Figure 3-14. 7-Year Summary II

3.4.2.14 Assessment Processor - 7-Year Summary II

Display: AP/4/

Description: The data in the 7-Year Summary I are shown in augmented form in this 7-Year Unit Summary II. This output displays the number of items which are controlling the rating at each level of the rating. This is the number of items whose rating must increase to allow the overall rating of the unit to increase to the next highest level. The data is presented for pacing items, nonpacing items, and all items. The overall rating of the unit corresponding to these counts and the unit ALO is also shown.

Utilization: This output provides the user with an insight into the magnitude of the rating level shifts necessary to increase the readiness of each unit. It also provides insight into the variation of these shifts into the later fiscal years.

Sample Output: See Figure 3-14.

EVALUATE ANNUAL DISPLAY AP / 3/			UNIT EQUIPMENT READINESS 7-YEAR SUMMARY I			DATA DATE: TEST DATA REPT DATE: 10/14/83		PAGE 1		
			DATA SET: ACTIVATED UNITS RUN TYPE: BASE CASE							
			***** UNCLASSIFIED *****							
FY83 ACTIVATIONS										
NR	UIC	BR	UNIT NAME	FY83	FY84	FY85	FY86	FY87	FY88	FY89
1	UNIT050	AG	CO ADMINISTRATIVE	C-1	C-1	C-1	C-1	C-1	C-1	C-1
2	UNIT052	IN	BN AIRBORNE	C-4	C-4	C-4	C-4	C-4	C-4	C-4
3	UNIT054	IN	BN AIRBORNE	C-4	C-4	C-4	C-4	C-4	C-4	C-4
4	UNIT056	AA	HHC DIV AIR ASSAULT	C-4	C-4	C-4	C-4	C-4	C-1	C-1
5	UNIT058	FA	HMB DIV ARTY	C-4	C-4	C-4	C-4	C-4	C-4	C-4
6	UNIT060	EN	BN AIR ASSAULT	C-4	C-4	C-4	C-4	C-4	C-4	C-4
7	UNIT062	SC	BN AIR ASSAULT	C-4	C-4	C-4	C-4	C-4	C-4	C-4
8	UNIT064	AR	HHC DIV/HVY DIV	C-1	C-1	C-1	C-1	C-1	C-1	C-1
9	UNIT066	CS	HHC DISCOM/HVY DIV	C-4	C-2	C-1	C-1	C-1	C-1	C-1
10	UNIT070	FA	BN 155MM SP(3X8) HVY	C-4	C-4	C-4	C-4	C-4	C-4	C-4
11	UNIT072	CS	BN MAINTENANCE	C-4	C-4	C-4	C-4	C-4	C-4	C-4
12	UNIT074	AR	SQ CAV/HVY DIV (-)	C-4	C-4	C-4	C-4	C-4	C-4	C-4
13	UNIT076	FA	HMB DIV ARTY	C-4	C-4	C-4	C-4	C-4	C-4	C-4
14	UNIT078	IN	BN MECH/HVY DIV (FVS)	C-4	C-4	C-4	C-4	C-4	C-4	C-4
15	UNIT080	AR	BN DIV (M1)	C-1	C-4	C-4	C-4	C-4	C-4	C-4
16	UNIT082	SC	BN (-) HVY/DIV	C-4	C-4	C-4	C-4	C-4	C-4	C-4
17	UNIT084	AR	HHC BDE	C-4	C-2	C-1	C-1	C-1	C-3	C-3
18	UNIT086	AR	SQ CAV /HVY DIV	C-4	C-1	C-1	C-1	C-1	C-4	C-4
19	UNIT088	AR	BN HVY DIV (M1)	C-3	C-4	C-4	C-4	C-4	C-4	C-4
20	UNIT090	MD	BN HVY DIV	C-1	C-4	C-4	C-4	C-1	C-1	C-1
21	UNIT092	AR	BN CSAB/HVY DIV	C-4	C-4	C-4	C-4	C-4	C-4	C-4
22	UNIT094	AR	BN HVY DIV (M1)	C-1	C-4	C-4	C-4	C-4	C-4	C-4
23	UNIT096	FA	BN 81N/MLRS-HVY DIV	C-1	C-4	C-4	C-4	C-4	C-4	C-4
24	UNIT098	IN	BN MECH /HVY DIV(FVS)	C-4	C-4	C-4	C-4	C-4	C-4	C-4
25	UNIT100	AR	BN HVY DIV (M1)	C-4	C-4	C-4	C-4	C-4	C-4	C-4

Figure 3-13. 7-Year Summary I

3.4.2.13 Assessment Processor 7-Year Summary I

Display: AP/3/

Description: This output displays the rating of units over the 7 years of the planning period.

Utilization: This output provides the user with an insight into the rating trend of an individual unit and a group of units. A determination can be made utilizing this data of when a unit will achieve a level considered logistically supportable.

Sample Output: See Figure 3-13.

EDATE MODEL UNIT EQUIPMENT READINESS DATA DATE: TESTDATA PAGE 1
 DISPLAY AP / 2/ RATING PERCENT WITHIN FY REPT DATE: 10/14/83

DATA SET: ACTIVATED UNITS
 RUN TYPE: BASE CASE

***** UNCLASSIFIED *****

(NUMBER OF UNITS = 50)

RATING LEVEL	PERCENT OF UNITS AT EACH RATING WITHIN EACH FY						
	FY83	FY84	FY85	FY86	FY87	FY88	FY89
C-0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
C-1	16.0	6.0	10.0	12.0	14.0	10.0	10.0
C-2	.0	4.0	2.0	2.0	2.0	2.0	2.0
C-3	2.0	4.0	2.0	.0	.0	2.0	2.0
C-4	78.0	82.0	82.0	82.0	80.0	82.0	82.0
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0

***** UNCLASSIFIED *****

Figure 3-12. Rating Percent Within Fiscal Year

3.4.2.12 Assessment Processor - Rating Percent Within Fiscal Year

Display: AP/2/

Description: This output displays the percentage of units contained in each of the rating levels within a fiscal year across the 7 fiscal years of the planning period.

Utilization: This output provides the user with a normalized picture of the readiness levels achieved by the data set and the run type under consideration.

Sample Output: See Figure 3-12.

EDATE MODEL UNIT EQUIPMENT READINESS DATA DATE: TESTDATA PAGE 1
 DISPLAY AP / 1/ RATING COUNT WITHIN FY REPT DATE: 10/14/83

DATA SET: ACTIVATED UNITS
 RUN TYPE: BASE CASE

***** UNCLASSIFIED *****

(NUMBER OF UNITS = 50)

RATING LEVEL	COUNT OF UNITS AT EACH RATING WITHIN EACH FY						
	FY83	FY84	FY85	FY86	FY87	FY88	FY89
C-0	2	2	2	2	2	2	2
C-1	8	3	5	6	7	5	5
C-2	0	2	1	1	1	1	1
C-3	1	2	1	0	0	1	1
C-4	39	41	41	41	40	41	41
TOTAL	50	50	50	50	50	50	50

***** UNCLASSIFIED *****

Figure 3-11. Rating Count within Fiscal Year

3.4.2.11 Assessment Processor - Rating Count Within Fiscal Year

Display: AP/1/

Description: This output displays the number of units contained in each of the rating levels across the 7 fiscal years of the planning period.

Utilization: This output provides the user with an overall picture of the readiness level achieved by the data set and the run type under consideration.

Sample Output: See Figure 3-11.

EQUATE MURK UNPLAY EP / 4/				FILE PROCESSOR TAEOP RECORD SUMMARY				DATA DATE: TEST DATA REPT DATE: 10/18/85				PAGE 1			
***** UNCLASSIFIED *****															
UNITS IMPACTED BY COT 300-73 IN MACOM															
		STF=NO FC=YES		EIR=NO TC=NO		KOR=NO OTH=NO		PAC=NO NAG=NO		ALA=NO AR=NO		HAM=NO DAR=NO		PAN=NO	
NUMBER OF RECORD ACCUMULATIONS PROCESSED															
ERC=A														ERC=B	
PERCENT														PERCENT	
ASSETS														ASSETS	
ONLY														ONLY	
RCDS														RCDS	
(B+C)														(B)	
FILED														FILED	
RCDS														RCDS	
ONLY														ONLY	
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Figure 3-10. TAEDP Record Summary (CTU Units)

3.4.2.10 File Processor - TAEDP Record Summary (CTU Units)

Display: FP/4/

Description: This output displays counts of the equipment record types present for each activated unit. The number of unit description records (A-RECORDS), equipment requirement records (B-RECORDS), and asset records (C-RECORDS) is shown. The number of B-RECORDS without matching C-RECORDS is shown along with any C-RECORDS without B-RECORDS.

Utilization: This output provides the user with an indication of the equipment complement of the unit and displays the magnitude of any assets not matched with requirements which will adversely affect the unit rating.

Sample Output: See Figure 3-10.

EDATE MODEL DISPLAY FP / 3/		UNIT EQUIPMENT READINESS UNIT SUMMARY			PAGE 1 DATA DATE: TESTDATA REPT DATE: 10/18/83	
***** UNCLASSIFIED *****						
UNITS IMPACTED BY CCT 300-73 IN MACOM						
STF=NO FC=YES	EUR=NO TC=NO	KOR=NO OTH=NO	PAC=NO NG=NO	ALA=NO AR=NO	HAW=NO DAR=NO	PAN=NO
TOTAL UNITS	TOTAL TOE	TOTAL NON	TOTAL TOE	TOTAL AUG TOE	TOTAL TDA	TOTAL POM
READ	FILED	SKIPPED	SKIPPED	SKIPPED	SKIPPED	SKIPPED
113	49	0	64	0	0	0
***** UNCLASSIFIED *****						

Figure 3-9. Unit Summary (CTU Units)

Figure 3-16. 7-Year Summary II (CCT Units)

3.4.2.17 Assessment Processor - 7-Year Summary III (CCT Units)

Display: AP/7/

Description: This summary provides information on the number of shifts in rating which occur in each fiscal year as the CTU changes are applied. Given that the unit ratings can shift between C-1 and C-4, the changes can range between a (+3) and (-3) including (0) when no shift occurs. The display provides a count of the number of times each shift level occurs in a particular fiscal year. In the aggregate, it provides a measure of the impact of the CTU changes on the MACOM.

Utilization: This output provides the user with an overall assessment of the impact of unit changes in a particular MACOM. The shift in unit rating by level may be readily observed and the pattern of shifts across levels provide a quantitative measure of the significance and impact of the changes.

Sample Output: See Figure 3-17.

EDATE MODEL
DISPLAY AP / 7/

UNIT EQUIPMENT READINESS

PAGE 1
DATA DATE: TESTDATA
REPT DATE: 10/19/83

7-YEAR SUMMARY III

DATA SET: CCT UNITS
RUN TYPE: BASE CASE

***** UNCLASSIFIED *****

UNITS IMPACTED BY CCT 300-73
IN MACOM

	STE=NO FC=YES	EUR=NO TC=NO	KOR=NO OTH=NO	PAC=NO NG=NO	ALA=NO AR=NO	HAW=NO DAR=NO	PAN=NO
RATING CHANGE	FY83	FY84	FY85	FY86	FY87	FY88	FY89
-3	1	0	0	1	1	0	0
-2	0	0	2	0	0	0	0
-1	0	1	0	0	0	0	0
0	45	47	47	48	47	48	48
+1	2	0	0	0	1	1	1
+2	1	0	0	0	0	0	0
+3	0	0	0	0	0	0	0
TOTAL UNITS	49	49	49	49	49	49	49

***** UNCLASSIFIED *****

Figure 3-17. 7-Year Summary III (CCT Units)

3.4.2.18 Assessment Processor - Item Transfer Summary

Display: AP/8/

Description: This output displays the exchange of equipment among units that occurs during a redistribution. For each LIN involved in the exchange, it indicates:

- For uprated units, the number of each LIN that is short and the number of units in which those shortages exist.
- For downrated units, the number of each LIN that has been located within the billpayer units and the number of billpayer units.
- The number of each LIN that is still short after the proposed transfer.

In identifying shortages, the E-DATE Model examines all units and accumulates all the shortages. In determining billpayers, the model examines the units specified for downrating in inverse DAMPL order (i.e., lowest priority first) and continues to extract assets from these units until all shortages are satisfied or all the billpayer units are exhausted.

Utilization: This output provides the unit with a list of the equipment items involved in the redistribution in general and those items with a deficit balance in particular.

Sample Output: See Figure 3-18.

EDATE MODEL
DISPLAY AP / 8

UNIT EQUIPMENT READINESS

ITEM TRANSFER SUMMARY

PAGE 1

DATA DATE: TESTDATA

REPT DATE: 10/18/83

DATA SET: ACTIVATED UNITS

RUN TYPE: TRIAL CASE

***** UNCLASSIFIED *****

FY83

LIN	NOMENCLATURE	SHORTAGE		BILLPAYERS		STILL SHORT
		QTY	UNITS	QTY	UNITS	
M67939	MORTAR 60MM M224	7	1	0	0	7
N04456	NI VIS GOG AN/PVS-5	45	2	0	0	45
N04596	NI VIS SIGHT AN/TVS-5	6	1	0	0	6
R56742	REEL EQPT CE-11	11	1	11	1	0
R88696	RESUS-ASPIR MAN CYCL	2	1	0	0	2
Y03104	VIEW INFRARED AN/PAS-7	9	1	0	0	9
E45820	CODE CH KEY KIK28TSEC	5	1	5	1	0
G28075	DISTR WATER TANK 900G	1	1	0	0	1
H02300	ELCT TT TSEC/KW-7	1	1	1	1	0
K87393	INSTL KIT MK-1629/VRC	7	1	0	0	7
N04732	NI VIS SIGHT AN/PVS-4	29	1	14	1	15
P40750	PWR SUP PP-6224/U	1	1	1	1	1
P43177	PWR SUP ASSY VEH Z-ACD	22	1	11	1	11
T96975	TLR FLATBED 15T TILT	1	1	0	0	1
001305	SPEECH SEC TSEC/KY-38	22	1	22	2	0
W91074	TRACTOR WHL IND %CCE<	4	1	0	0	4
X39432	TRK CGO 1 1/4T M880	3	1	3	1	0
X4009	TRK CGO 2-1/2T M35A2	6	1	3	1	3
X43708	TRK DUMP ST 6X6 M817	3	1	0	0	3

***** UNCLASSIFIED *****

Figure 3-18. Item Transfer Summary

3.4.2.19 Assessment processor - Worksheet

Display: AP/9/

Description: The Worksheet provides the logistics staff officer with a means of specifying those units to be uprated and those that are acceptable for downrating in any redistribution being considered. These selections are transferred to a file for direct input to the model.

The display provides multiple lines of data for each unit. One line (TAEDP) gives the unit rating based on the original TAEDP data. The second line (TRIAL) gives the value of rating specified by the logistics staff officer. The third line (ACHVD) displays the rating actually achieved by the unit after redistribution. A last line (NEXT) has blank entries for the rating and is used as a worksheet on which to enter the unit rating specification. The parenthetical notation is included in the display whenever a TRIAL case is run. For all units taking part in the redistribution, the parentheses will contain either a 'W' if the worksheet was used for unit selection or a 'P' if input parameters were used for selection. If the unit was not either uprated or downrated, the parentheses are not filled with any value.

Utilization: This output provides a means for the user to choose which units will be uprated and downrated. The worksheet report will guide the insertion of the rating selections into the worksheet file used by the Assessment Processor for redistribution.

Sample Output: See Figure 3-19.

EQUATE MODEL DISPLAY AP / 9/		UNIT EQUIPMENT READINESS WORK SHEET				DATA DATE: TESTDATA REPT DATE: 10/18/83		PAGE 1			
		DATA SET: ACTIVATED UNITS RUN TYPE: TRIAL CASE									
		***** UNCLASSIFIED *****									
NR	UIC	BR	UNIT NAME	FY83	FY84	FY85	FY86	FY87	FY88	FY89	
1	UNT050	AG	CO ADMINISTRATIVE	BASE: C-1 TRIAL: C-0 () ACHVD: C-1 NEXT: C-	C-1 C-0 () C-1 C-	C-1 C-0 () C-1 C-	C-1 C-0 () C-1 C-	C-1 C-0 () C-1 C-	C-1 C-0 () C-1 C-	C-1 C-0 () C-1 C-	
2	UNT052	IN	BN AIRBORNE	BASE: C-4 TRIAL: C-0 () ACHVD: C-4 NEXT: C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	
3	UNT054	IN	BN AIRBORNE	BASE: C-4 TRIAL: C-0 () ACHVD: C-4 NEXT: C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	
4	UNT056	AA	HND DIV AIR ASSAULT	BASE: C-4 TRIAL: C-0 () ACHVD: C-4 NEXT: C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-1 C-0 () C-1 C-	C-1 C-0 () C-1 C-	
5	UNT058	FA	HMB DIV ARTY	BASE: C-4 TRIAL: C-0 () ACHVD: C-4 NEXT: C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	
6	UNT060	EN	BN AIR ASSAULT	BASE: C-4 TRIAL: C-0 () ACHVD: C-4 NEXT: C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	
7	UNT062	SC	BN AIR ASSAULT	BASE: C-4 TRIAL: C-0 () ACHVD: C-4 NEXT: C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	C-4 C-0 () C-4 C-	
		***** UNCLASSIFIED *****									

Figure 3-19. Worksheet

3.4.2.20 Assessment Processor - User Input

Display: AP/10/

Description: This output displays the user selection of input parameters used by the processor to select units for uprate and downrate.

Utilization: This output provides a convenient reference for the user of the parameter selections made.

Sample Output: See Figure 3-20.

EDATE MODEL
DISPLAY AP /10/

UNIT EQUIPMENT READINESS

PAGE 1

DATA DATE: TESTDATA

REPT DATE: 10/18/83

USER INPUT

DATA SET: ACTIVATED UNITS
RUN TYPE: TRIAL CASE

***** UNCLASSIFIED *****

UNIT SELECTION PARAMETERS

PARAMETER	UPRATE VALUE	DOWNRATE VALUE
SELECT-LEVEL	0	0
MACOM	0	0
SRC	0.	0
ALO	0	0
BRANCH	0	CS
DAMPL-HI	0	0
DAMPL-LO	0	0
TARGET-LEVEL	0	4

***** UNCLASSIFIED *****

Figure 3-20. Unit Input

3.4.2.21 Assessment Processor - Shortage Detail

Display: AP/11/

Description: This output provides the user with a unit-by- unit display of each LIN shortage. In addition, it shows each LIN which is short and the number of units in which those shortages exist. This is an elaboration of the information shown in the Item Transfer Summary described on the preceding page.

Utilization: This output allows the user to identify the particular unit(s) involved in the shortage situation and to reach a determination as to whether this impact on the unit is, in fact, an acceptable situation.

Sample Output: See Figure 3-21.

EDATE MODEL DISPLAY AP /11/	UNIT EQUIPMENT READINESS SHORTAGE DETAIL	PAGE 1 DATA DATE: TESTDATA REPT DATE: 10/18/83		
DATA SET: ACTIVATED UNITS RUN TYPE: TRIAL CASE				
***** UNCLASSIFIED *****				
FY83				
LIN	LIN NAME	UIC	UIC NAME	QTY
E45820	CODE CH KEY KIK28TSEC	UNT060	BN AIR ASSAULT	5
TOTALS		UNITS: 1	ITEMS:	5
***** UNCLASSIFIED *****				

Figure 3-21. Shortage Detail

3.4.2.22 Assessment Processor - Billpayer Detail

Display: AP/12/

Description: This output provides the model user with a unit-by-unit display of each LIN transferred from a unit selected for downrating (billpayer unit). In addition, it shows the number of each billpayer LIN and the number of billpayer units that relinquished those items during the redistribution.

Utilization: This output allows the user to be aware of the particular unit(s) yielding assets and reach a determination as to whether this impact on the unit is, in fact, an acceptable situation.

Sample Output: See Figure 3-22.

EDATE MODEL DISPLAY AP /12/	UNIT EQUIPMENT READINESS BILLPAYER DETAIL DATA SET: ACTIVATED UNITS RUN TYPE: TRIAL CASE ***** UNCLASSIFIED *****	PAGE 1 DATA DATE: TESTDATA REPT DATE: 10/18/83		
FY83				
LIN	LIN NAME	UIC	UIC NAME	QTY
E45820	CODE CH KEY KIK28TSEC	UNT060	BN AIR ASSAULT	5
TOTALS		UNITS:	1	ITEMS: 5
***** UNCLASSIFIED *****				

Figure 3-22. Billpayer Detail

.4.2.23 Assessment Processor - Redistribution Units

Display: AP/13/

Description: This output provides the model user with a summary of the number of units involved in the redistribution process by fiscal year. The counts are provided by units selected by worksheet and the units selected by user of the parameter specification.

Utilization: This output allows the user to be aware of the size of the pool of units being processed, and, in particular, whether the number of units selected by the parameter specification is as large as expected.

Sample Output: See Figure 3-23.

EDATE MODEL
ISPLAY AD /12/

UNIT EQUIPMENT READINESS

REDISTRIBUTION UNITS

DATA SET: ACTIVATED UNITS
RUN TYPE: TRIAL CASE

PAGE 1
DATA DATE: TESTDATA
REPT DATE: 04/01/94

***** UNCLASSIFIED *****

NUMBER OF UNITS SELECTED

	TY	UPRATED UNITS	DOWNRATED UNITS	TOTALS
WORKSHEET PARAMETER	P3	0		
TOTALS	P3	4	0	0
	P3	4	4	8
WORKSHEET PARAMETER	P4	0		
TOTALS	P4	4	0	0
	P4	4	4	8
WORKSHEET PARAMETER	P5	0		
TOTALS	P5	4	0	0
	P5	4	4	8
WORKSHEET PARAMETER	P6	0		
TOTALS	P6	4	0	0
	P6	4	4	8
WORKSHEET PARAMETER	P7	0		
TOTALS	P7	3	0	0
	P7	3	4	7
WORKSHEET PARAMETER	P8	0		
TOTALS	P8	3	4	0
	P8	3	4	7
WORKSHEET PARAMETER	P9	0		
TOTALS	P9	2	4	0
	P9	2	4	7
				7

Figure 3-23. Redistribution Units

3.4.3 Output Vocabulary. Not applicable.

3.5 Utilization of System Outputs

See subsection 3.4.2, Sample Outputs

3.6 Recovery and Error Correction Procedures

3.6.1 CPU Failures. In the event of an overall computer system failure, the processor run which was in progress must be rerun. It should be noted that this type of system failure is distinct from the potential failures discussed in paragraphs 3.6.2 and

3.6.2 Data File Failures. If a system component failure results in loss of the E-DATE Model file data, the lost file must be recreated using system backup files. If unavailable, it will necessary to rerun the particular processor responsible for creating the lost file.

3.6.3 Model Processor Failures. Provisions exist in each of the model processors to test data and user inputs for conditions which would induce abnormal termination of processing. In each instance the 'STOP' message summarizes the troublesome condition.

SECTION 4. FILE QUERY PROCEDURES

Not applicable.

END

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